



UNIVERSITI KUALA LUMPUR
MALAYSIAN SPANISH INSTITUTE

(The contents and other related details in this form is used for publication purpose only. Training module will be given to participants upon registration)

Course Title: ADVANCED PNEUMATIC CONTROL		Course Code : EEA 104 (L3)
Course Background/Summary : This advance pneumatic control course is based on practical applications and experience in pneumatic control such as pneumatic, electro-pneumatic and programmable logic controllers in the workplace. Participants will be able to perform and understand pneumatic and electro-pneumatic and the application of PLC by applying the basics of PLC controller device in the automation process.		
Course Objectives: <ul style="list-style-type: none">• Familiarize with pneumatic technology and control• Execute pneumatic and electrical control circuits and advanced pneumatic controls such as PLC• Fulfill the basic knowledge of PLC hardware & software and understands the functionality of PLC applications.• Design and program simple projects based on pneumatic technology.		
Target Audience: <ul style="list-style-type: none">• Industrial operators• Technicians and engineers responsible for the operation, maintenance, troubleshooting and repair of pneumatic operated machinery• Teaching staffs/instructors		
Course Duration :		Min:3 days, Max:5 days
Course Contents :		
No.	TOPICS	
1	Pneumatic System & Practical Application of Pneumatic System	
2	Electro-pneumatic System & Practical Application of Electro Pneumatic System	
3	Introduction to PLC <ul style="list-style-type: none">• Features• I/O assignment, input/output connection• Basic work cycle	

UniKL MSI can also customize existing short courses and develop new courses to meet your personal training needs and requirements. The course duration serves as a guideline for your reference.

Please forward enquiries to Centre for Advancement & Continuing Education (ACE), University Kuala Lumpur (Malaysian Spanish Institute), Kulim Hi-Tech Park, 09000 Kulim, Kedah or via fax to:04-4032539 or email to syazrah@unikl.edu.my or call 04-4035199 / 200 (ext:112 / 185)



UNIVERSITI KUALA LUMPUR
MALAYSIAN SPANISH INSTITUTE

(The contents and other related details in this form is used for publication purpose only. Training module will be given to participants upon registration)

4	Basic instructions <ul style="list-style-type: none">• Instruction series / parallel• Instruction SET/ RESET• Timer• Counter
COURSE STRUCTURE:	
Practical	: 70%
Theory / Lab Works	: 30%

UniKL MSI can also customize existing short courses and develop new courses to meet your personal training needs and requirements. The course duration serves as a guideline for your reference.

Please forward enquiries to Centre for Advancement & Continuing Education (ACE), University Kuala Lumpur (Malaysian Spanish Institute), Kulim Hi-Tech Park, 09000 Kulim, Kedah or via fax to:04-4032539 or email to syazrah@unikl.edu.my or call 04-4035199 / 200 (ext:112 / 185)